

FORM 1449 O I P E INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION JUN 14 1999 (Use several sheets if necessary)			Docket Number: 7885.65USWO	Application Number: 09/331,376
			Applicant: FODSTAD, et al.	
			Filing Date: June 18, 1999	Group Art Unit: 1643

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>J. D. Byers</i>	4,857,452	Aug. 15, 1989	Ho			
	4,752,569	Jun. 21, 1988	Terasaki et al.			
	5,019,497	May 28, 1991	Olsson			
	4,659,678	Apr. 21, 1987	Forrest et al.			
	5,422,277	Jun. 6, 1995	Connelly et al.			
	4,219,411	Aug. 26, 1980	Yen et al.			
	4,710,472	Dec. 1, 1987	Saur et al.			
	4,920,061	Apr. 24, 1990	Poynton et al.			
	4,925,922	May 15, 1990	Byers et al.			
	5,322,678	Jun. 21, 1994	Morgan, Jr. et al.			<i>class? subclass?</i>
	5,095,097	Mar. 10, 1992	Hermentin et al.			
	5,536,644	Jul. 16, 1996	Ullman et al.			
	5,256,532	Oct. 26, 1993	Melnicoff et al.			
	5,264,344	Nov. 23, 1993	Sneath			
	5,424,213	Jun. 13, 1995	Mougin			
	5,491,068	Feb. 13, 1996	Benjamin et al.			
	5,514,340	May 7, 1996	Lansdorp et al.			
<i>J. D. Byers</i>	5,624,815	Apr. 29, 1997	Grant et al.			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES
						NO
<i>J. D. Byers</i>	016 552	Oct. 1, 1980	EPO			
<i>J. D. Byers</i>	395 355	Oct. 31, 1990	EPO			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						

EXAMINER	<i>M. T. DAU</i>	DATE CONSIDERED	<i>3/20/00</i>
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.			

FORM 1449*			
INFORMATION DISCLOSURE STATEMENT			
IN AN APPLICATION			
(Use several sheets if necessary)			
Docket Number: 7885.65USWO	Application Number: 09/331,376		
Applicant: FODSTAD, et al.			
Filing Date: June 18, 1999	Group Art Unit: 1643		

*O I P E JCS1
JUL 14 1999
PATENT & TRADEMARK OFFICE*

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES
<i>T. Davis</i>	WO 90/07380	Jul. 12, 1990	PCT			
	WO 90/10692	Sep. 20, 1990	PCT			
	WO 91/15766	Oct. 17, 1991	PCT			
	WO 91/01368	Feb. 7, 1991	PCT			
	EP 129 434	Sept. 6, 1989	EPO			
	EP 256 471	Feb. 24, 1988	EPO			
	WO 88/05309	July 28, 1988	PCT			
	WO 94/02016	Feb. 3, 1994	PCT			
	WO 91/09058	June 27, 1991	PCT			
	WO 95/34817	Dec. 21, 1995	PCT			
	403960	Jun. 14, 1990	EPO			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
<i>T. Davis</i>	1989	Abstract of Accession no. 90658782 Cancerlit, "Fourth International Conference on Monoclonal Antibody Immunoenjugates for Cancer", March 30 to April 1, 1989, San Diego, CA, UCSD Cancer Center. <i>Irrege?</i>				
	1992	Abstract of Crews J.R. et al.; <i>Int. Journ. of cancer</i> ; July 9, 1992; Vol. 51, no. 2.				
	1994	Dialog Information Service, File 159, Cancerlit, Dialog accession no. 01046200, Cancerlit accession no. 94290389, Lemoli RM et al: "Positive selection of hematopoietic CD34+ stem cells provides 'indirect purging' of CD34- lymphoid cells and the purging efficiency is increased by anti-CD2 and anti-CD30 immunotoxins", <i>Bone Marrow Transplant</i> ; 13(4):465-71, 1994.				
	1994	Dialog Information Service, File 159, Cancerlit, Dialog accession no. 01018250, Cancerlit accession no. 94084695, Myklebust AT et al: "Comparison of two antibody-based methods for elimination of breast cancer cells from human bone marrow", <i>Cancer Res</i> ; 54(1):209-14, 1994.				
	1991	Dialog Information Service, File 159, Cancerlit, Dialog accession no. 00803246, Cancerlit accession no. 91348943, Tecce R. et al: "Production and Characterization of two Immunotoxins Specific for M5B An 11 Leukaemia", <i>Int J. Cancer</i> 49(2):310-6, 1991.				
	1986	Dialog Information Service, File 159, Cancerlit, Dialog accession no. 00447849, Cancerlit accession no. 86110672, Tonevitsky AG et al: "Elimination of Murine Erythroleukemic Stem Cells with a Novel Anti-Erythroid Antibody Conjugated to Ricin a-chain: A Model for Studies of Bone-Marrow Transplantation Therapy", <i>Int. J. Cancer</i> ; 37(2):263-73, 1986.				
	1996	Dialog Information Service, File 159, Cancerlit, Dialog accession no. 01268628, Cancerlit accession no. 97031812, Kvalheim G. et al: "Purging of tumor cells from leukapheresis products: experimental and clinical aspects", <i>J. Hematother</i> ; 5(4):427-36, 1996.				

EXAMINER	<i>M. T. Davis</i>	DATE CONSIDERED	<i>3/20/00</i>
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.			

FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)			Docket Number: 7885.65USWO	Application Number: 09/331,376	
			Applicant: FODSTAD, et al.		
			Filing Date: June 18, 1999	Group Art Unit: 1643	



U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS						
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES NO
TDR	WO 92/04961	Apr. 2, 1992	PCT			
	WO 91/09938	Jul. 11, 1991	PCT			
	098 534	Jan. 18, 1984	EPO			
	339 769	Nov. 2, 1989	EPO			
	131 934	Jan. 23, 1985	EPO			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
✓ TDR	1994	K.M. Stray, et al.; "Purging Tumor Cells from Bone Marrow or Peripheral Blood Using Avidin-Biotin Immunoabsorption"; <i>Advances in Bone Marrow Purgings and Processing</i> ; 1994; Orlando: Wiley-Liss, Inc.; pp 97-103.
	January 1993	BIO/TECHNOLOGY, Volume 11, Bjorn-Ivar Haukanes et al., "Application of Magnetic Beads in Bioassays" page 60.
	1990	SCAND J. IMMUNOL, Volume 31, J. Heldrup. "A New Technique Using an Aggregating Antibody Against Glycophorin in-A for Puring Ficoll-Paque-Separated Leucocytes of Contaminating Erythroid Lineage Cells", page 289 - page 296, see "Materials and methods" and page 295, right column.
	1997	Rye, et al.; "Immunobead Filtration"; <i>American Journal of Pathology</i> ; January 1997; Vol. 150, No. 1, pp. 99-107.
	1993	A. Bennick et al.; "A Rapid Method for Selecting Specific Hybridoma Clones using Paramagnetic Dynabeads"; <i>Scand. J. Immunol.</i> ; 1993; pp. 212-214. Vol ?
	1986	Michael L. Bjorn, et al.; "Antibody-Pseudomonas Exotoxin A Conjugates Cytotoxic to Human Breast Cancer Cells in Vitro"; <i>Cancer Research</i> ; July 1986; pp. 3262-3267. Vol ?
	1989	Ian C. Anderson, et al.; "Elimination of Malignant Clonogenic Breast Cancer Cells from Human Bone Marrow"; <i>Cancer Research</i> ; pp. 4659-4664. Vol ?
	1991	K.C. O'Briant, MS, et al.; Elimination of Clonogenic Breast Cancer Cells from Human Bone Marrow"; <i>Cancer</i> ; 1991; pp. 1272-1278.
	1993	C.L. Tyer, et al.; "Breast Cancer Cells are Effectively Purged from Peripheral Blood Progenitor cells Using an Immunomagnetic Technique"; Abstract to First meeting of International Society for Hematotherapy and Graft Engineering, Orlando, FL, 1993. Mag? Vol ?
	1992	Fiorenzo Stirpe, et al.; "Ribosome-Inactivating Proteins from Plants: Present Status and future Prospects"; <i>Bio/Technology</i> ; April 1992; Vol. 10, pp. 405-412.
	1993	Luigi Barbieri, et al.; "Ribosome-inactivating proteins from plants"; <i>Biochimica et Biophysica Acta</i> ; 1993; pp. 237-282. Vol ?
	1994	R.M. Lemoli, et al.; "Positive selection of hematopoietic CD34+ stem cells provides indirect purging of CD34+ lymphoid cells and the purging efficiency is increased by anti-CD2 and anti-CD30 immunotoxins"; <i>Bone Marrow Transplantation</i> ; 1994; pp. 465-471. Vol ?
✓	1992	H.J. Diel, et al.; "Detection of Tumor Cells in Bone Marrow of Patients with Primary Breast Cancer: A Prognostic Factor for Distant Metastasis"; <i>Journal of Clinical Oncology</i> ; 1992; pp. 1534-1539. Vol ?

EXAMINER	M. TDR	DATE CONSIDERED	3/20/00
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.			

FORM 1449*		Docket Number: 7885.65USWO	Application Number: 09/331,376
INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)		Applicant: FODSTAD, et al.	
		Filing Date: June 18, 1999	Group Art Unit: 1643

**O I P E JC91
OCT 14 1999
PARENT & TRADEMARK OFFICE**

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
TJ 201	1992	W. Kemmerer, et al.; "Separation of tumor cells from a suspension of dissociated human colorectal carcinoma tissue by means of monoclonal antibody-coated magnetic beads"; <i>Journal of Immunological Methods</i> ; 1992; pp. 197-200. <i>vol?</i>
	1990	C.I. Civin, et al.; "Positive stem cell selection -basic science"; <i>Progress in Clinical and Biological Research</i> ; Vol. 333, 1990, pp. 387-402.
	1989	D. Pilling, et al.; "The kinetics of interaction between lymphocytes and magnetic polymer particles"; <i>National Library of Medicine, File Medline, Medline accession no. 90010165</i> ; Sept. 1, 1989; 122(2) pp. 235-41.
	1984	E.H. Dunlop, et al.; "Magnetic separation in biotechnology"; <i>Biotech ADVS</i> ; Vol. 2, 1984, pp. 66-69.
	1985	C.H. Setchell; "Magnetic Separations in Biotechnology- a Review"; <i>J. Chem. Tech. Biotechnol.</i> ; Vol. 35B, No. 3, 1985, pp. 175-182.
	1991	J.H. Pizzonia, et al.; "Immunomagnetic separation, primary culture, and characterization of cortical thick ascending limb plus distal convoluted tubule cells from mouse kidney"; <i>National Library of Medicine, File Medline, Medline accession no. 07671620</i> ; Br J Haematol Mar 1991; 77 (3), pp. 267-273.
	1991	R.M. Leven, et al.; "Immunomagnetic bead isolation of megakaryocytes from guinea-pig bone marrow: effect of recombinant interleukin-6 on size, ploidy and cytoplasmic fragmentation"; <i>National Library of Medicine, File Medline, Medline accession no. 07671620</i> ; Br J Haematol Mar 1991; 77 (3), pp. 267-273.
	1987	G. Kvalheim, et al.; "Elimination of B-Lymphoma Cells from Human Bone Marrow: Model Experiments Using Monodisperse Magnetic Particles Coated with Primary Monoclonal Antibodies"; <i>Cancer Research</i> ; "Vol. 47, February 1987, pp. 846-851.
	1987	J.T. Kemshead, et al.; "Monoclonal antibodies and magnetic microspheres for the depletion of leukemic cells from bone marrow harvested for autologous transplantation"; <i>Bone Marrow Transplantation</i> ; 1987; Vol. 2, pp. 133-139.
	1987	G. Kvalheim, et al.; "Immunomagnetic purging of B-lymphoma cells from human bone marrow"; <i>Dialog Information service, File 159, Cancerlit, Dialog accession no. 00559663</i> ; Fourth European Conference on Clinical Oncology and Cancer Nursing, Nov. 1-4, 1987, Madrid, Federation of European Cancer Societies, pp. 262, 1987.
	1988	T. Lea, et al.; "Monosized, magnetic polymer particles: their use in separation of cells and subcellular components, and in the study of lymphocyte function in vitro"; <i>National Library of Medicine, File Medline, Medline accession no. 90234499</i> ; J. Mol. Recognit.; Feb. 1988; 1(1), pp. 9-18.
	1993	Arne T. Muklebust, et al.; "Eradication of Small Cell Lung Cancer Cells from Human Bone Marrow with Immunotoxins"; <i>Cancer Research</i> , 1993; pp. 3784-3788. <i>vol?</i>
	1993	William P. Peters, et al.; "High-Dose Chemotherapy and Autologous Bone Marrow Support as Consolidation After Standard-Dose Adjuvant Therapy for High-Risk Primary Breast Cancer"; <i>Journal of Clinical Oncology</i> ; June 1993; Vol. 11, No. 6, pp. 1132-1143.
	1994	James O. Armitage, M.D.; "Bone Marrow Transplantation"; <i>New England Journal of Medicine</i> ; March 24, 1994; Vol. 330, No. 12, pp. 827-838.
	1990	Thomas J. Moss, et al.; "Contamination of Peripheral Blood Stem Cell Harvests by Circulating Neuroblastoma Cells"; <i>Blood</i> ; 1990; Vol. 76, No. 9, pp. 1879-1883.
	1993	Amy A. Ross, et al.; "Detection and Viability of Tumor Cells in Peripheral Blood Stem Cell Collections From Breast Cancer Patients Using Immunocytochemical and clonogenic Assay Techniques"; <i>Blood</i> ; 1993; Vol. 82, No. 9, pp. 2605-2610.
	1993	Malcolm K. Brenner, et al.; "Gene-marking to trace origin of relapse after autologous bone marrow transplantation"; <i>Lancet</i> ; 1993; pp. 85-86. <i>vol?</i>
	1991	John G. Gribben, M.D., et al.; "Immunologic Purging of Marrow Assessed by PCR Before Autologous Bone Marrow Transplantation for B-Cell Lymphoma"; <i>New England Journal of Medicine</i> ; November 28, 1991; Vol. 325, No. 22, pp. 1525-1533.
	1994	Elizabeth J. Shpall, et al.; "Release of Tumor Cells from Bone Marrow"; <i>Blood</i> ; February 1, 1994; pp. 623-625. <i>vol?</i>
	1994	Wolfram Brugger, et al.; "Mobilization of Tumor Cells and Hematopoietic Progenitor Cells Into Peripheral Blood of Patients With Solid Tumors"; <i>Blood</i> ; 1994; Vol. 83, No. 3, pp. 636-640.

EXAMINER M.T. Davis	DATE CONSIDERED 3/29/00
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

FORM 1449*		Docket Number: 7885.65USWO	Application Number: 09/331,376
INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)		Applicant: FODSTAD, et al.	
		Filing Date: June 18, 1999	Group Art Unit: 1643

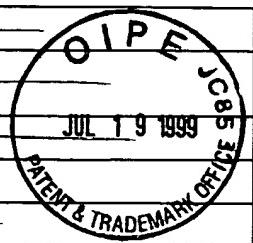
*OIP JCS
OCT 14 2000*

		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
<i>✓</i>	1992	Ger J. Straus, et al.; "Mucin-Type Glycoproteins"; <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 1992; pp. 57-92. <i>vol?</i>
	1986	Lou de Leij, et al.; "The Use of Monoclonal Antibodies for the Pathological Diagnosis of Lung Cancer"; In: H.H. Hansen (ed), <i>Lung Cancer: Basic and Clinical Aspects</i> ; Boston: Martinus Nijhoff Publishers, 1986; pp. 31-48.
	1992	Aslak Godal, et al.; "Immunotoxins directed Against the High-Molecular-Weight Melanoma-Associated Antigen. Identification of Potent Antibody-Toxin Combinations"; <i>Int. J. Cancer</i> , 1992; pp. 631-635. <i>vol?</i>
	1978	V.D. Courtenay, et al.; "An In Vitro Colony Assay For Human Tumours Grown in Immuno-Suppressed Mice and Treated In Vivo with Cytotoxic Agents"; <i>Br. J. Cancer</i> , 1978; pp. 261-268. <i>vol?</i>
	1992	M.Y. Wang, et al.; "An effective immunomagnetic method for bone marrow purging in T-cell malignancies"; <i>Bone Marrow Transplantation</i> ; 1992; pp. 319-323. <i>vol?</i>
	1994	Ane T. Myklebust, et al.; "Comparison of Two Antibody-based Methods for Elimination of Breast Cancer Cells from Human Bone Marrow"; <i>Cancer Research</i> ; 1994; pp. 209-214. <i>vol?</i>
	1993	Connie J. Eaves; "Peripheral Blood Stem Cells Reach New Heights"; <i>Blood</i> , 1993; pp. 1957-1959. <i>vol?</i>
<i>✓</i>	1994	Elizabeth J. Shpall, et al.; "Transplantation of Enriched CD34-Positive Autologous Marrow Into Breast Cancer Patients Following High-Dose Chemotherapy: Influence of CD34-Positive Peripheral-Blood Progenitors and Growth Factors on Engraftment"; <i>Journal of Clinical Oncology</i> , 1994; Vol. 12, No. 1, pp. 28-36. <i>vol?</i>

EXAMINER	M.T. DAVIS	DATE CONSIDERED	3/20/00
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.			

FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION <small>(Use several sheets if necessary)</small>			Docket Number: 7885.65USWO	Application Number: 09/331,376
			Applicant: FODSTAD, et al.	
			Filing Date: June 18, 1999	Group Art Unit: Unknown

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
TJZ	4,510,244	Apr. 9, 1985	Parks et al.			
	5,340,719	Aug. 23, 1994	Hajek et al.			
	5,326,696	Jul. 5, 1994	Chang			
	5,405,784	Apr. 11, 1993	Van Hoegaerden			
	5,219,763	Jun. 15, 1993	Van Hoegaerden			
	5,194,300	Mar. 16, 1993	Cheung			
	5,374,531	Dec. 20, 1994	Jensen			
	5,290,707	Mar. 1, 1994	Wood			



FOREIGN PATENT DOCUMENTS						
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES NO
TJZ	241 042	Oct. 14, 1987	EPO			
	WO 94/07142	Mar. 31, 1994	PCT			
	2638849	May 11, 1990	France			
	3811566	Oct. 27, 1988	Germany			
	537 827	Apr. 21, 1993	EPO			
V	WO 96/31777	Oct. 10, 1996	PCT			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
TJZ	1989	Hitoshi Maeda; "Applicability of an Immuno-microsphere Technique for a Forensic Identification of ABO Blood Types: The Use-of Fluorescent Microspheres"; <i>Jpn J. Legal Med.</i> , 1989; pp. 322-327. <i>Vol?</i>
	1996	Andrew J. Beavis, et al.; "Detection of Cell-Surface Antigens Using Antibody-Conjugated Fluorospheres (ACF): Application for Six-Color Immunofluorescence"; <i>Biotechniques</i> , 1996; pp. 498-503. <i>Vol?</i>
		Derwent accession no. 93-173192, Toyobo KK; "Sensitivity detection of ligand-receptor reaction-by combining fluorescent fine particles with objective substance, passing mixt. through flow cytometer, counting number of agglomerates etc." & JP,A,5107249. <i>Vol?</i>
	1985	K.A. Muirhead, et al.; "Flow Cytometry: Present and Future"; <i>Biotechnology</i> ; April 1985; Vol. 3, pp. 337-356

should be under Foreign
patent documents section

EXAMINER	M. T DAVIS	DATE CONSIDERED	3/20/00
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.			

FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 7885.65USWO	Application Number: 09/331,376
		Applicant: FODSTAD, et al.
		Filing Date: June 18, 1999 Group Art Unit: Unknown

EXAMINER	<u>M. T. Davis</u>	DATE CONSIDERED	<u>3/20/00</u>
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.			